

## PATENT ABSTRACTS OF JAPAN

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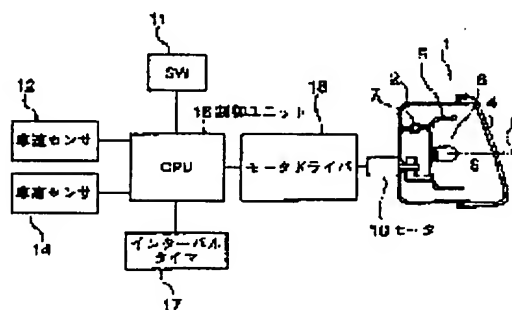
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## (54) AUTOMATIC LEVELING DEVICE OF HEADLAP FOR AUTOMOBILE

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To inexpensively enable long-term use by reducing a driving frequency of an actuator.

**SOLUTION:** This device has a headlamp having the optical axis vertically tilting to a car body by driving of an actuator 10, a control unit 16 for controlling driving of the actuator 10, a vehicle speed detecting means 12 for detecting a speed of a vehicle and a pitch angle detecting means 14 for detecting a pitch angle of the vehicle, and the control unit 16 controls driving of the actuator 10 on the basis of a detected pitch angle so that the optical axis of the headlamp becomes an always constant inclined state to a road surface. In this case, the control unit 16 controls driving of the actuator 10 once when lighting the headlamp at stopping time, and thereafter controls driving of the actuator 10 at a regular interval on the basis of an interval timer 17 at stopping time.



## LEGAL STATUS

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